

# Denise Chau

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denisechau.github.io

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## LANGUAGES AND SKILLS

HTML | LESS | CSS | JQuery | Usability Testing | A/B Testing | Contextual Inquiry | Data-Driven Design | Interaction Design | Responsive Design | Wireframing & Prototyping | Adobe Photoshop

## EXPERIENCE

**User Experience Architect** at InnovaSystems International, LLC Aug 2014 – Nov 2016

- Created interactive, high fidelity prototypes with HTML, LESS/CSS, and JQuery to communicate implementation expectations to developers and for evaluation via usability studies
- Devised and conducted usability tests, A/B tests, tree tests, card sorts, interviews, and contextual inquiry with diverse groups of end users in Marine Corps Aviation Operations
- Analyzed and reported on usability and user research findings to internal stakeholders with and proposed design revisions as needed
- Established and maintained a pattern library to promote usability by ensuring that collections of UI components behaved consistently throughout the application
- Constructed a style guide to keep component styles and branding consistent across the application and other project touch points
- Created wireframes and UI flow models in a collaborative effort with Solutions Architect and Lead Developer to align design with implementation plans

**Research Assistant** at Kutas Cognitive Electrophysiology Lab Jan 2013 – Jun 2013

- Collaborated with lead researcher to create designs for a UI Jan 2014 – Jun 2014 to control stimulus presentation settings, facilitate data collection, and manage subject records
- Conducted long-term, multi-visit research experiments with participants to investigate comprehension of spoken language in noisy environments and effectiveness of multisensory training
- Guided participants through all phases of the experiment, including an introduction, speech-language-hearing evaluations, multi-session training, and a concluding meeting
- Participated in all-hands experimental design critiques

## RELEVANT COURSEWORK

**Practicum in Professional Web Design:** Designed a business website for a local microbrewery

**Cognitive Design Studio:** Collaborated with a group to develop a research and design project on interactive maps designed to support wayfinding around UCSD

**Cognitive Ethnography:** Observed, documented, and analyzed cognitive significance in everyday, real-world activities

## EDUCATION

**University of California, San Diego**

Sep 2010 – Jun 2014

B.S. Cognitive Science with Specialization in Human Computer Interaction

Semester abroad: University of Glasgow, Scotland

Sep 2013 – Dec 2013

## EXTRACURRICULARS

Orientation Leader at UCSD Sixth College (Mar 2012 – Sep 2012), Alpha Epsilon Phi's Campus and Cultural Relations Chair (Oct 2011 – May 2013), UCSD Club Badminton Team (Sep 2010 – Jun 2011)